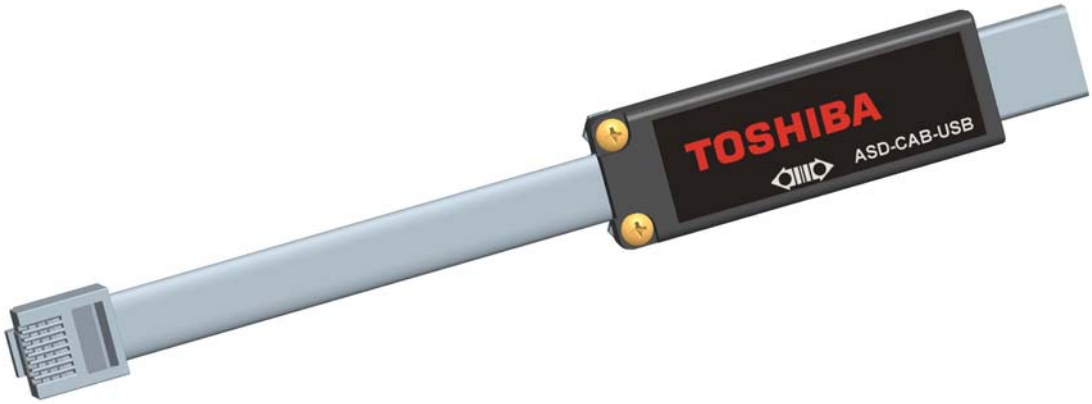
Toshiba USB to RS-485 Converter Installation Guide and Port Verification



Driver Installation

1. Download the driver TIC_USB_RS485.zip file on the CD, and save it to a local hard drive such as c:\Temp.

TIC_USB_RS485.zip

2. Go to the location where TIC_USB_RS485.zip was stored and double click the file to unzip it.

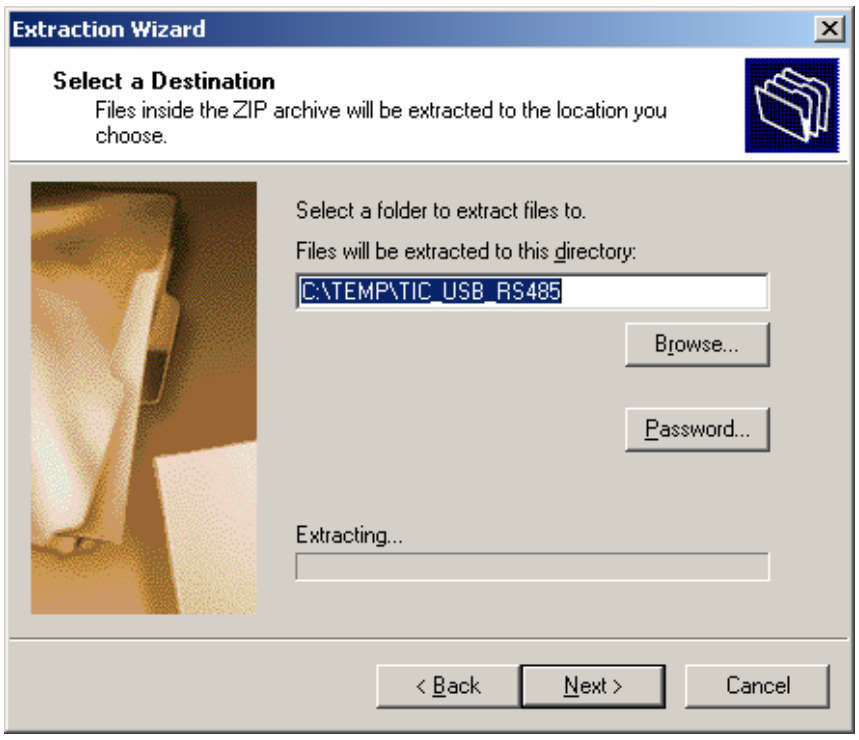


Figure1: Extraction Wizard to request a location to unzip files

3. An Extraction Wizard screen appears and request for a location to unzip all files as in figure 1.
4. Except the default location and click “Next”.
5. After extraction, and screen as in figure 2 appears. Click “Finish”.

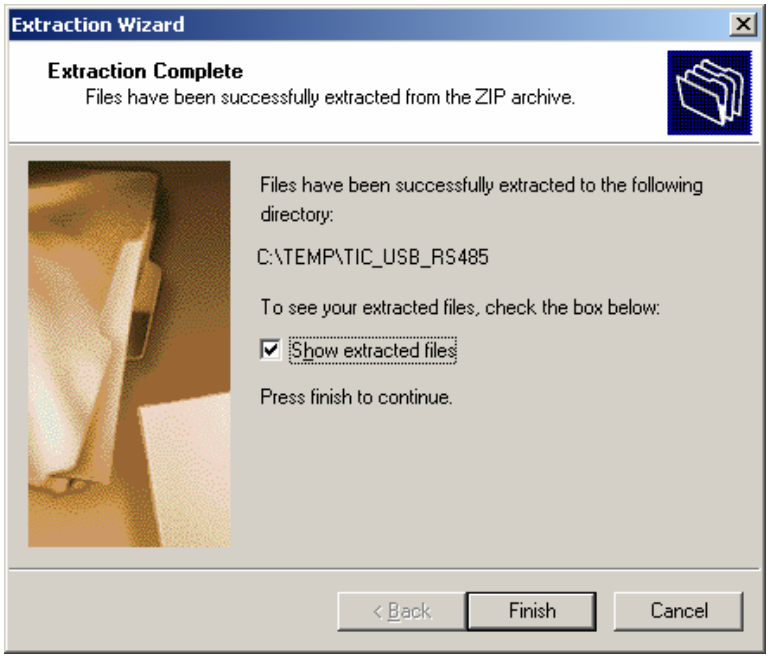


Figure2: Finish extraction

6. Plug the Toshiba USB to RS-485 Converter into a USB port.
7. A Found New Hardware Wizard screen appears as in figure 3 to show that computer has found a new device.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
Toshiba Inter. Corp. USB to RS485
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

Figure3: Found new hardware device

8. Select “Install from a list or specific location (Advanced)” option in the wizard. Click “Next”.

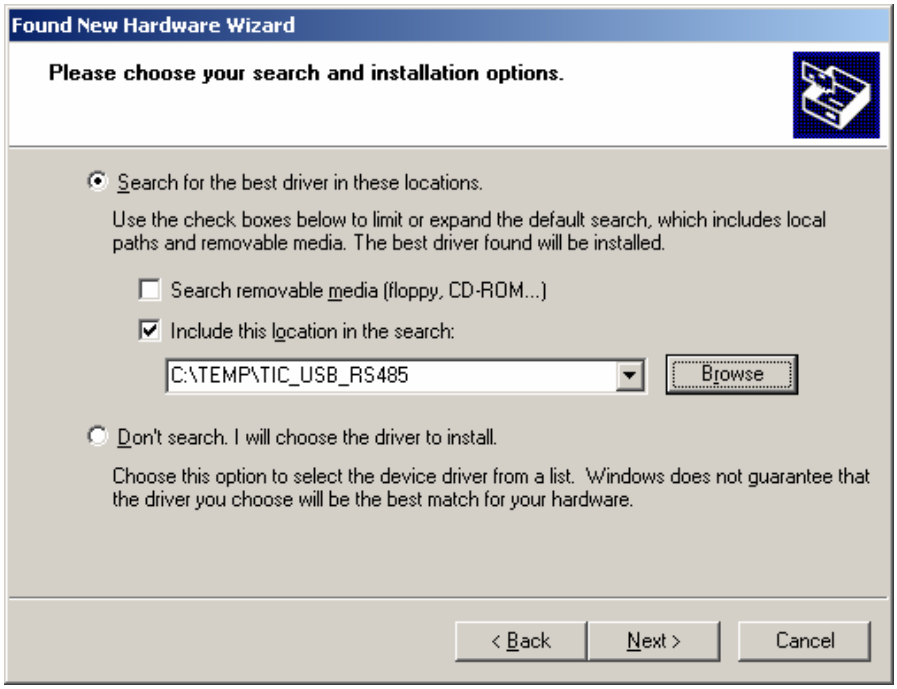

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
C:\TEMP\TIC_USB_RS485
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

Figure4: Locate driver

9. Direct the wizard to the location where you stored the driver as in figure 4. Click "Next".

10. While waiting for the wizard to install the software, a Hardware Installation screen will appear (Figure 5). Click on "Continue Anyway".

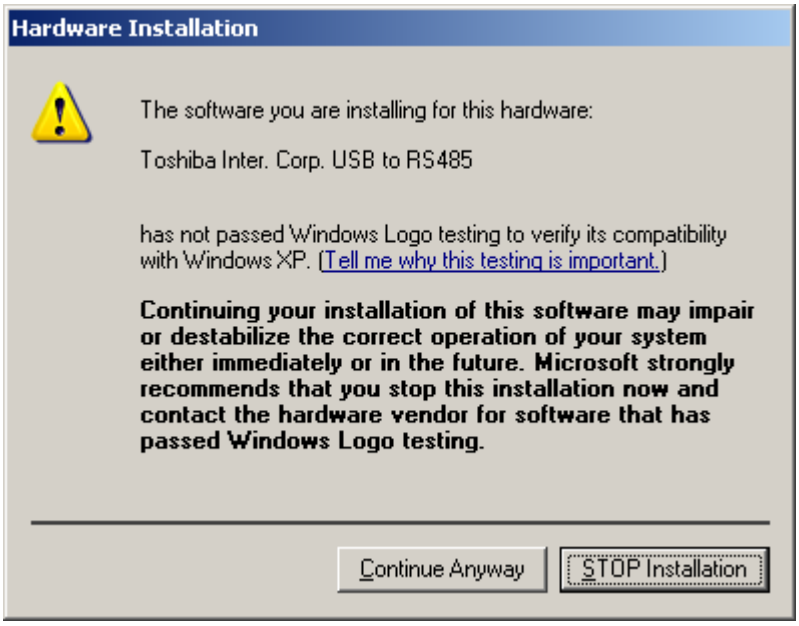

Hardware Installation
The software you are installing for this hardware:
Toshiba Inter. Corp. USB to RS485
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Figure5: Request to continue the installation

11. The wizard will search for the right files for the converter as in figure 6.

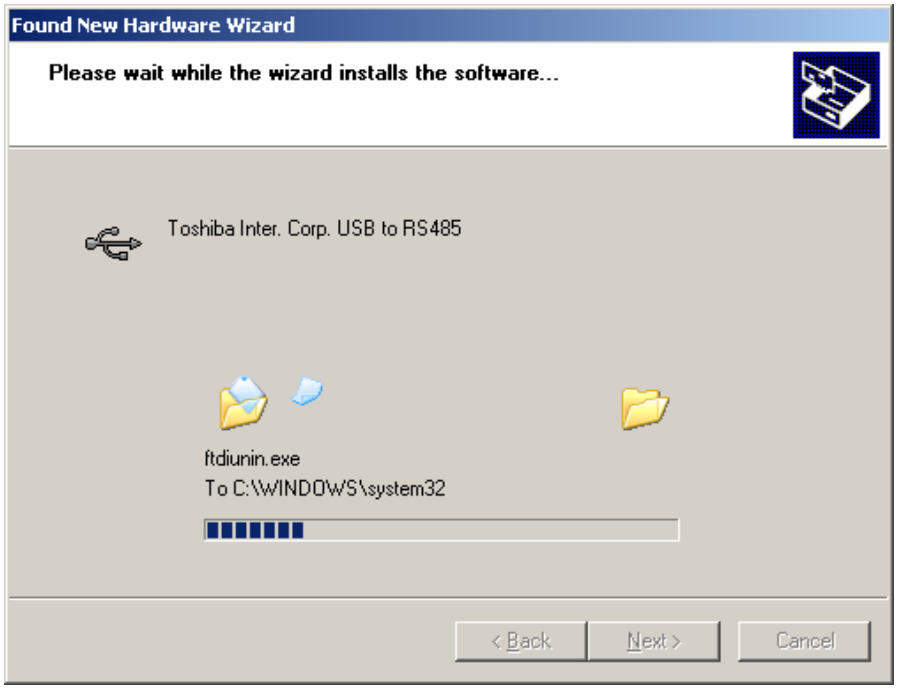


Figure6: Install files

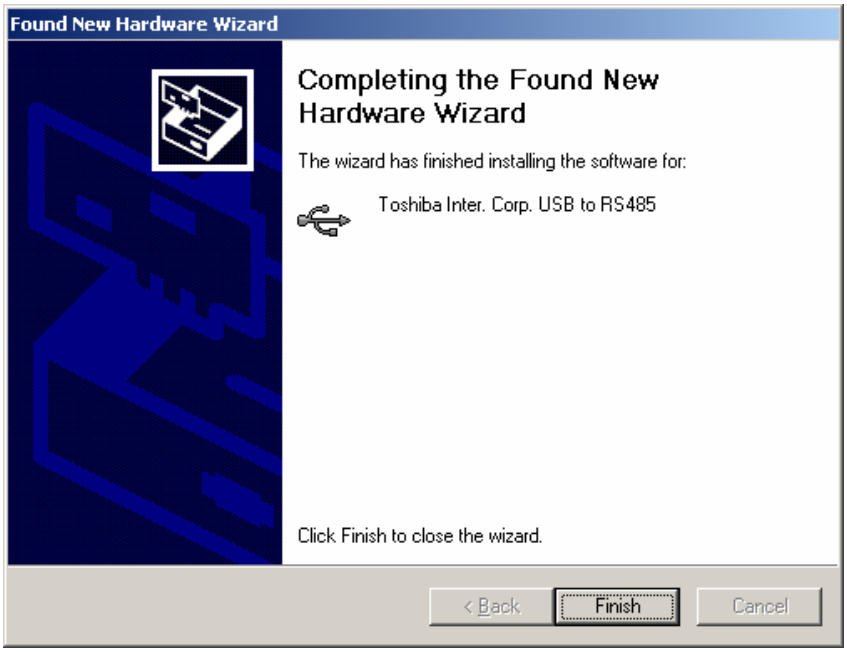

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
Toshiba Inter. Corp. USB to RS485
Click Finish to close the wizard.
< Back
Finish
Cancel

Figure7: Complete the Wizard.

12. A complete the “Found New Hardware Wizard” appears as in Figure 7. Click “Finish”.
13. Another Found New Hardware Wizard screen appears as in figure 8 to show that computer has found a new port.

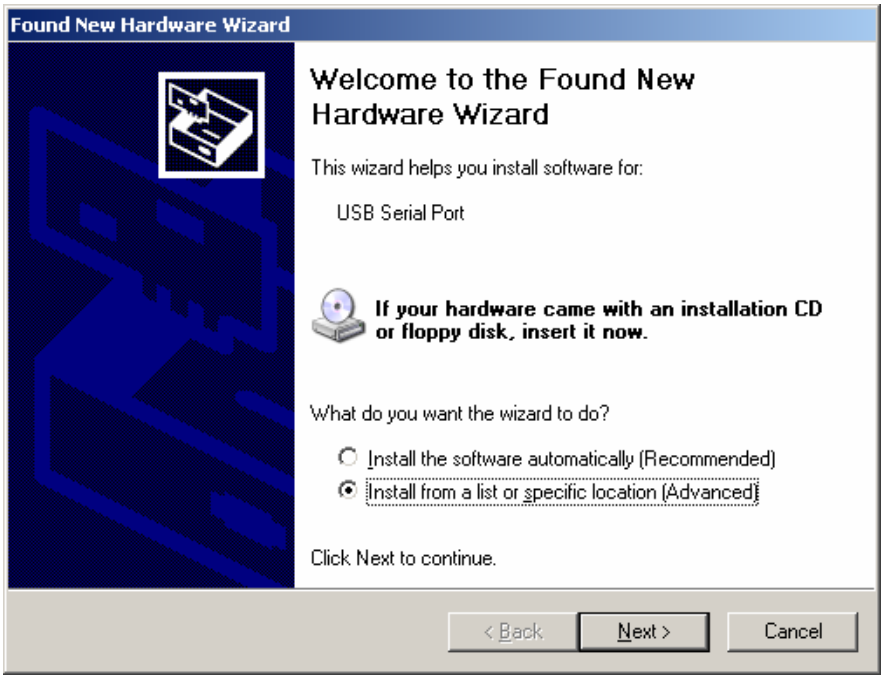

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
USB Serial Port
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

Figure8: Found a new port

14. Select “Install from a list or specific location (Advanced)” option in the wizard, and click “Next”.
15. Direct the wizard to the location where you stored the driver as in figure 4. Click “Next”.
16. While waiting for the wizard to install the software for a new port as in figure 9, a Hardware Installation screen will appear (Figure 5). Click on “Continue Anyway”.

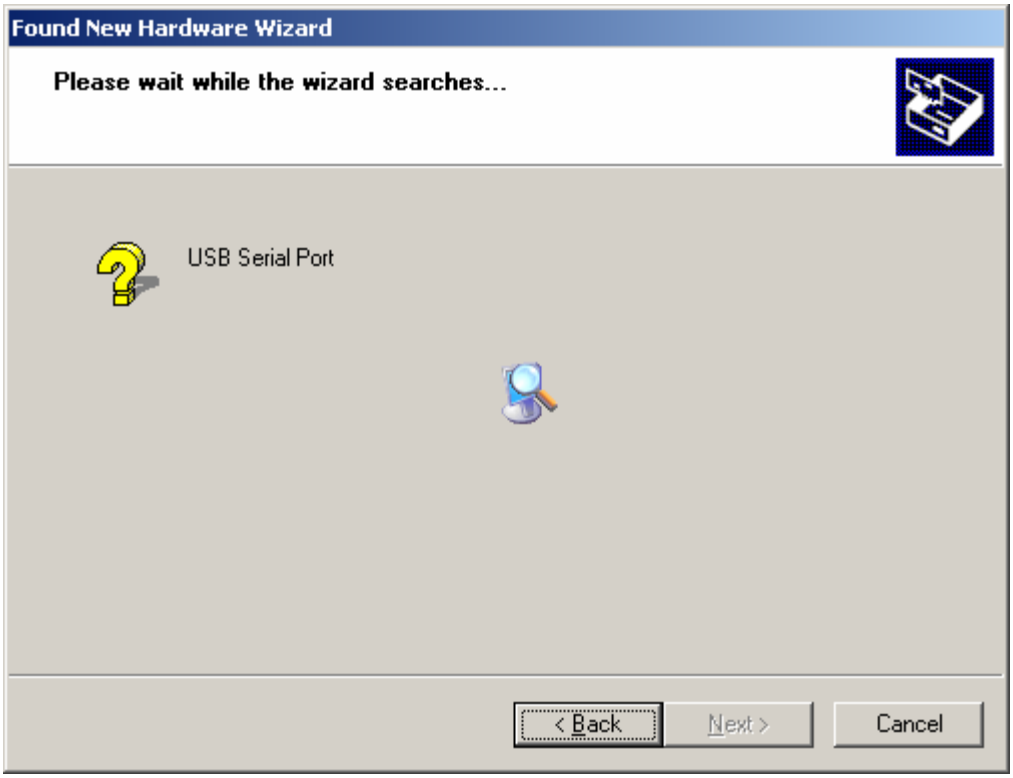


Figure9: Searching for driver to install a new port

17. A complete the “Found New Hardware Wizard” appears as in Figure 7. Click “Finish”.
18. Toshiba USB to RS-485 Converter is now ready to use.

Port Verification

1. High light “My Computer” on the desktop, and right click to select “Properties”.
2. A system properties screen will appear as in figure 10.

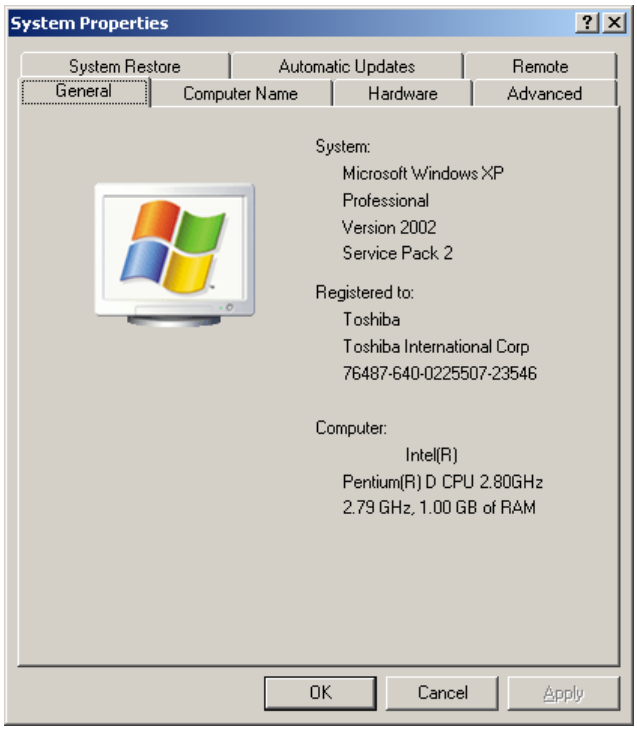


Figure10: System Properties

3. Select the “Hardware” tap as in figure 11.

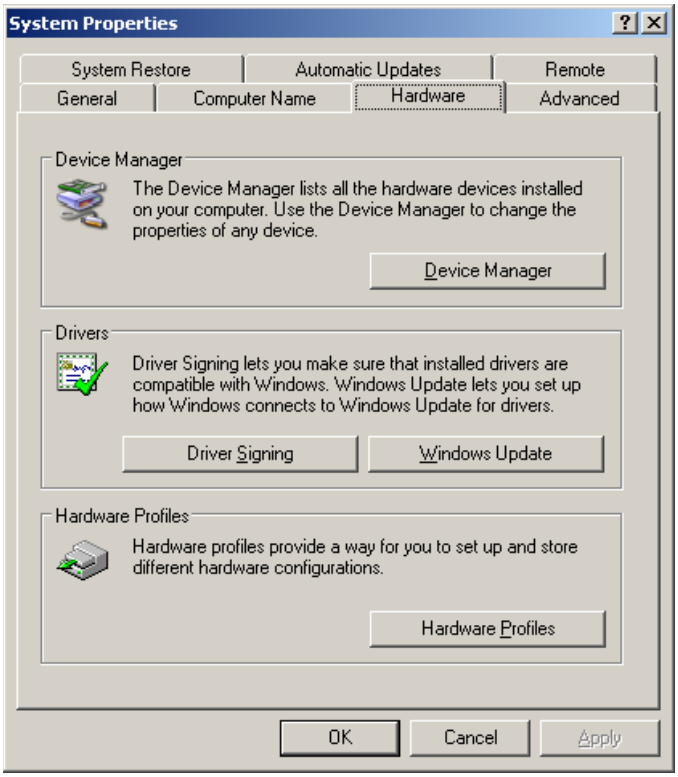

System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply

Figure11: Hardware

4. Select “Device Manager”, and a screen of “Device Manager” will appear as in figure 12.

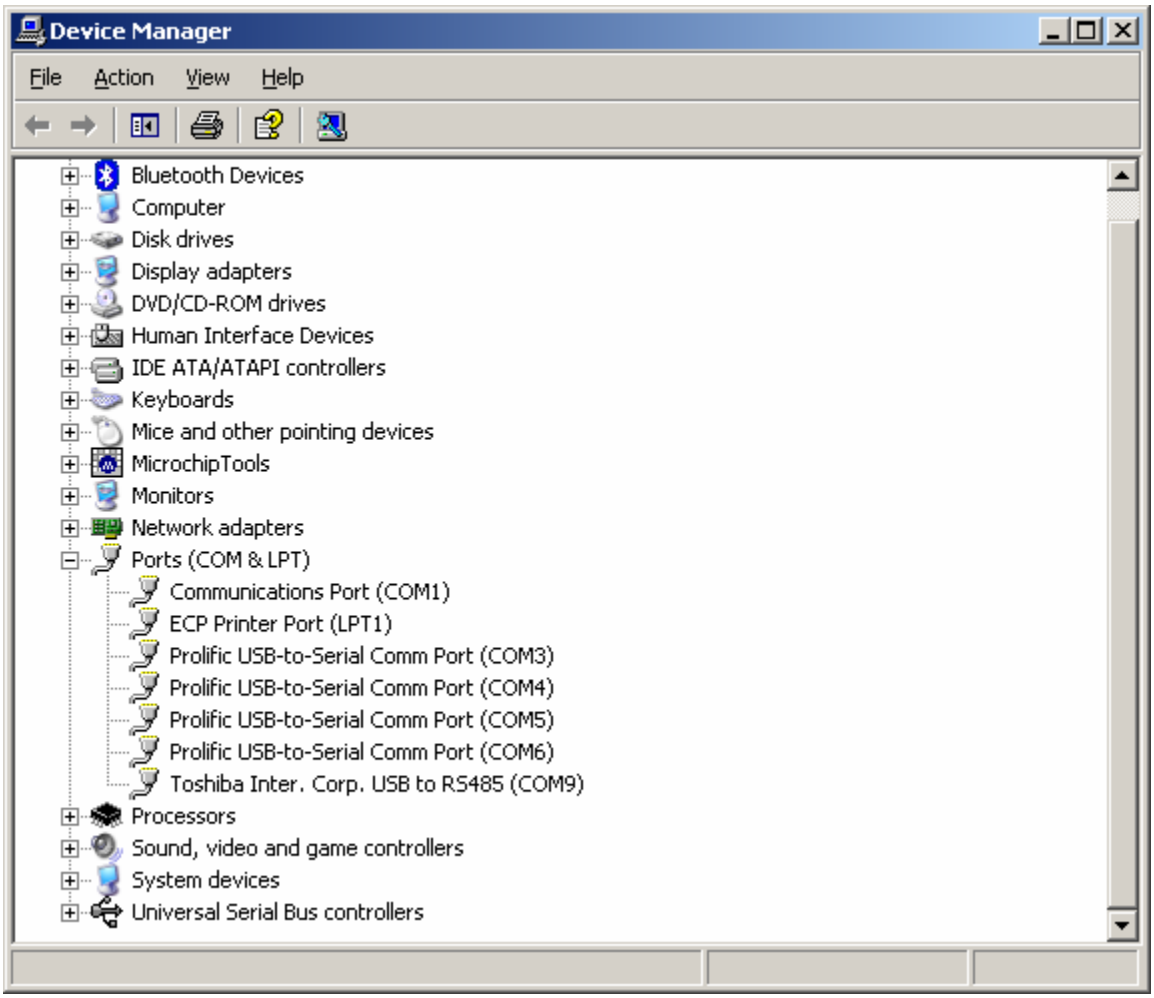


Figure12: Device Manager screen

5. Click on the [+] that is next to the Port (COM & LPT). If you see “Toshiba Inter. Corp. USB to RS485” appearing in the list, the USB/COM port is ready to use. Otherwise, see trouble shoot in the user manual for more information.

NOTE:

- MAKE SURE YOU ALWAYS USE THE SAME USB PHYSICAL PORT. OTHERWISE YOU WILL NEED TO INSTALL THE DRIVER AGAIN.
- MAKE SURE YOU SELECT 4-WIRE ON SW200. (BOTH OFF).
- WHEN OPEN ASD PRO SELECT 4-WIRE COMMUNICATION.